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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/812,525
Filing Date	March 29, 2004
First Named Inventor	Stephen M. Trimberger
Art Unit	3296
Examiner Name	Vibol Tan
Attorney Docket Number	X-1006-2C US

### ENCLOSURES (Check all that apply)

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	XILINX, INC. CUSTOMER NO: 24309		
Signature			
Printed name	Kim Karzaki		
Date	August 17, 2005	Reg. No.	37,652

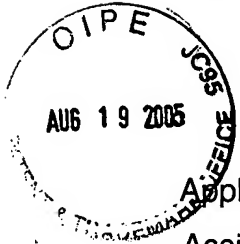
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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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IN THE UNITED STATES PATENT OFFICE

Applicant: Stephen M. Trimberger

Assignee: Xilinx, Inc.

Title: A Programmable Logic Device With Time-Multiplexed Interconnect

Serial No.: 10/812,525

File Date: 3/29/2004

Examiner: Vibol Tan

Art Unit: 2819

Docket No.: X-1006-2C US

Conf. No.: 3296

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Mail Stop AMENDMENT  
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AMENDMENT IN RESPONSE TO SECOND OFFICE ACTION

Dear Sir:

In response to the Second Office Action mailed from the Patent Office on May 20, 2005, please replace/substitute the following claims as indicated.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 5 of this paper.